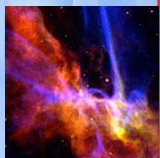
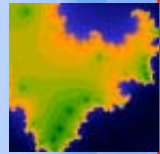


# California Energy Commission AB2021 Workshop

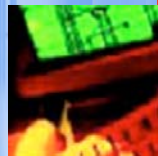
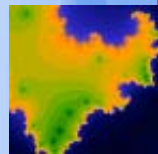
April 20, 2007

Jim Parks  
Sacramento Municipal Utility District



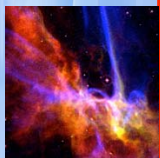
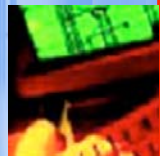
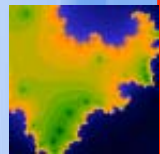
# Munis in California

- ◆ There are 39 POU's in California
- ◆ They are run by publicly elected Boards or City Councils who respond to their constituent base
- ◆ They are very diverse—
  - ❖ Small to large
  - ❖ Rural to urban
  - ❖ Commercial, industrial, agricultural, residential and combinations of all
- ◆ Different levels of efficiency are available depending on utility size, customer base, climate zone, past energy efficiency programs, etc.



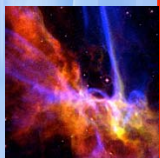
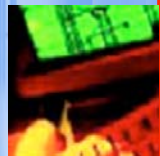
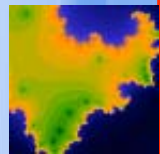
# AB2021 Requirements for POUs

- ◆ Develop a potential study every 3 years
- ◆ Adopt 10-year targets for EE savings and demand reduction
  - ❖ By June 1, 2007
- ◆ Report annually to CEC on energy efficiency:
  - ❖ Expenditures and programs
  - ❖ Cost-effectiveness methodology
  - ❖ Forecasted and actual savings
  - ❖ Results of independent evaluations



# CEC Role with POU's

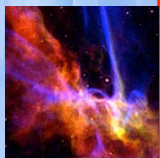
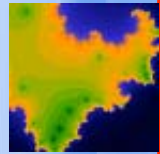
- ◆ Receive muni targets and basis for those target (every 3 years)
- ◆ Review information and clarify issues and concerns with appropriate entity
- ◆ Receive and review annual reports
- ◆ Report to utilities, legislature and the governor on muni results
- ◆ Incorporate results into Integrated Energy Policy Report on statewide energy needs and resources



# POU Expectations

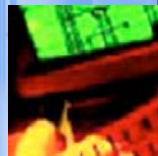
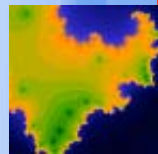
- ◆ Cooperative effort between CEC and munis
- ◆ Reasonable review and discussion of goals and results
- ◆ Standardized reporting formats developed in cooperation with munis
- ◆ Consistent review of goals and results
- ◆ Point of contact at CEC
- ◆ Regular meetings to discuss goal, issues, expectations, results and recommendations.
- ◆ Discussion of recommendations, and time to work on solutions, prior to report to legislature





# Recommended Approach

- ◆ Coordinate with 4 entities rather than 39
  - ❖ Southern California Public Power Authority (SCPPA)
  - ❖ Northern California Power Agency (NCPA)
  - ❖ Los Angeles Department of Water and Power (LADWP)
  - ❖ Sacramento Municipal Utility District (SMUD)
- ◆ CEC will get four sets of goals and annual reports
- ◆ Allows munis to work together to set targets
- ◆ Provides opportunities for portfolio synergies among munis
- ◆ Aggregates smaller munis with larger ones
- ◆ Minimizes effort on CEC while maximizing benefits
- ◆ Streamlines reviews and comments

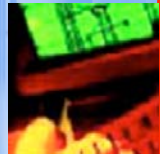
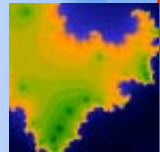


# SMUD's Proposed Scenarios

(Under consideration by the SMUD Board)

Scenario Attribute	Current Goal (0.6%)	State Goal (1.0%)	150% of State Goal (1.5%)
2008 Portfolio Budget (\$ MM)	\$25	\$35	\$45
Avg. Annual GWh Savings	86	130	194
Avg. Annual of MW Savings	22	39	57
Avg. Annual GHG reductions (tonnes/yr 2007)*	36,000	54,000	80,000

\* One Metric tonne CO<sub>2</sub>-equivalent equals 1.1 English tons



# Questions?